

**TITLE**

by

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DISSERTATION

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Approved by:

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Advisor

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Year

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This is a dedication.

“The fact that we live at the bottom of a deep gravity well, on the surface of a gas covered planet going around a nuclear fireball 90 million miles away and think this to be normal is obviously some indication of how skewed our perspective tends to be.”

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— Douglas Adams, *The Salmon of Doubt: Hitchhiking the Galaxy One Last Time*

**ABSTRACT**

**TITLE HERE**

by

**AUTHOR NAME**

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Advisor: Professor Your Prof

Major: Physics

Degree: Doctor of Philosophy

Abstract here

## ACKNOWLEDGEMENTS

Acknowledgements here

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# List of Symbols

Symbol	Description	Unit
$E_F$	Fermi energy	eV
$\sigma$	conductivity	$\mu\text{S}$
$V_{\text{bg}}$	backgate voltage	V
$V_{\text{ds}}$	drain voltage	V
$I_{\text{ds}}$	drain current	V
$\chi$	electron affinity	V
$\mu_{\text{H}}$	Hall mobility	$\text{cm}^2 \text{V}^{-1} \text{s}^{-1}$
$\mu_{\text{FE}}$	field-effect mobility	$\text{cm}^2 \text{V}^{-1} \text{s}^{-1}$

# List of Physical Constants

Symbol	Quantity	Value
$k_{\text{B}}$	Boltzmann's constant	$1.380\,66 \times 10^{-23} \text{ J K}^{-1}$
$\epsilon_0$	dielectric constant	$8.854\,18 \times 10^{-12} \text{ A}^2 \text{ s}^4 \text{ kg}^{-1} \text{ m}^{-3}$
$e$	elementary charge	$1.602\,18 \times 10^{-19} \text{ C}$
eV	electron volt	$1.602\,18 \times 10^{-19} \text{ J}$
$c$	speed of light	$2.997\,92 \times 10^8 \text{ m s}^{-1}$
$h$	Planck's constant	$6.626\,07 \times 10^{-34} \text{ J s}$
$\hbar$	reduced Planck's constant	$1.054\,57 \times 10^{-34} \text{ J s } (h/2\pi)$
$R_{\text{K}-90}$	von Klitzing constant	$25\,812.807\,455\,55 \, \Omega$

# Chapter 1

## Chapter Title

### 1.1 Section Title

Contents here.<sup>1</sup>

# References

- [1] Katsutoshi Fukuda, Kosho Akatsuka, Yasuo Ebina, Renzhi Ma, Kazunori Takada, Izumi Nakai, and Takayoshi Sasaki. Exfoliated nanosheet crystallite of cesium tungstate with 2d pyrochlore structure: Synthesis, characterization, and photochromic properties. *ACS Nano*, 2(8):1689–1695, 2008.

## Autobiographical Statement

**Name:** Your Name

**Education:**

M.S. Physics, Some University, City, State, Year

M.S. Physics, Some Other University, City, State, Year

**Professional Experience:**

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Your autobiographical statement.